

CLAIMS

1. Press cage bar for a device for expressing liquids, which is bounded by at least one pressing edge in the area of a wear surface of a hard layer and which, in the area of at least one lateral face of the body of the cage bar, has at least one spacer that is raised above the lateral face, characterized by the fact that the spacer (15) is formed as a deposit weld on the lateral face (21) of the cage bar (8); that the spacer (15) is provided with a certain bottom clearance (20) from the underside (17) of the cage bar (8), which is on the opposite side of the cage bar from the wear surface (11); that the spacer (15) extends along the lateral face (21) no farther than to the hard layer (14); that the extent of the spacer (15) transversely to a longitudinal axis (9) of the lateral face (21) is greater than its extent in the direction of the longitudinal axis (9) of the lateral face (21); and that the spacer (15) has increasing thickness (22) perpendicular to the lateral face (21) in a direction extending from the hard layer (14) towards the underside (17) of the cage bar (8).

2. Press cage bar in accordance with Claim 1, characterized by the fact that the spacer (15) has a certain

amount of top clearance (19) from the hard layer (14).

3. Press cage bar in accordance with Claim 1 or Claim 2, characterized by the fact that the end of the spacer (15) that faces the hard layer (14) has a rounded contour.

4. Press cage bar in accordance with Claim 1 or Claim 2, characterized by the fact that the end of the spacer (15) that faces away from the hard layer (14) has a rounded contour.

5. Press cage bar in accordance with any of Claims 1 to 4, characterized by the fact that the spacer (15) has an essentially elongated oval shape.

6. Press cage bar in accordance with any of Claims 1 to 5, characterized by the fact that the surface of the spacer (15) that faces away from the lateral face (21) is ground.

7. Press cage bar in accordance with any of Claims 1 to 6, characterized by the fact that the longitudinal axis of the spacer (15) extends essentially transversely to the longitudinal axis of the lateral face (21).

8. Press cage bar in accordance with any of Claims 1 to 7, characterized by the fact that at least two spacers are arranged on the lateral face (21) with a separation (23) between them.

9. Press cage bar in accordance with any of Claims 1 to 8, characterized by the fact that the spacer (15) is made of a material that contains chromium carbide.

10. Device for expressing liquids, which has at least one press cage bar, which is bounded by at least one pressing edge in the area of a wear surface and which, in the area of at least one lateral face of the body of the cage bar, has at least one spacer that is raised above the lateral face, characterized by the fact that the spacer (15) is formed as a deposit weld on the lateral face (21) of the cage bar (8); that the spacer (15) is provided with a certain bottom clearance (20) from the underside (17) of the cage bar (8), which is on the opposite side of the cage bar from the wear surface (11); that the spacer (15) extends along the lateral face (21) no farther than to the hard layer (14); that the extent of the spacer (15) transversely to a longitudinal axis (9) of the lateral face (21) is greater than its extent in the direction of the longitudinal axis (9) of the lateral face (21); and that the spacer (15) has increasing thickness (22) perpendicular to the lateral face (21) in a direction extending from the hard layer (14) towards the underside (17) of the cage bar (8).

11. Device in accordance with Claim 10, characterized by the fact that at least one of the features specified in dependent Claims 2 to 9 is realized.